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March 2, 2018

Rocky McConnell
Manager
Lubeck PSD
P.O. Box 700
Washington, WV 26181
e-mail: lubeckpsd@casinternet.net

**Lubeck Public Service District PFOA and HFPO-DA
Analytical Results – February 2018 Monthly Monitoring**

Dear Mr. McConnell:

A carbon treatment system was installed at the Lubeck Public Service District in Washington, West Virginia, to remove perfluorooctanoic acid (PFOA) from the public water supply. This system utilizes two Calgon Model 10 units in a parallel configuration. Each Model 10 unit contains two granulated activated carbon beds, a lead and lag bed. The Lubeck Public Service District carbon treatment system became operational in June 2007.

Monthly monitoring of PFOA began at several points in the carbon treatment system in June 2007. Monitored points include the influent to the Model 10 units and the effluent from each of the four carbon beds. The influent and effluent samples are analyzed for PFOA and are reported to a reporting limit of 0.010 micrograms per liter (ug/L).

The February 2018 monthly monitoring was conducted on February 12, 2018. In addition to the monthly PFOA sampling, samples were collected for hexafluoropropylene oxide dimer acid (HFPO-DA, also referred to as GenX) analysis. Attached are the result sheets for the PFOA and HFPO-DA sampling. Please contact me at (302) 773-1289 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Andrew S. Hartten'.

Andrew S. Hartten
Principal Remediation Project Manager
Chemours Corporate Remediation Group

Attachments

cc: Yogesh Patel, WVDEP email: yogesh.p.patel@wv.gov
William Toomey, WVDHHR email: William.j.toomey@wv.gov
Gary Moore, LPSD email: lpsdwater@casinternet.net
File (508771)

Fluorochemical Characterization of Water Samples Analytical Results

Chemours Sample Identification	TestAmerica Sample Identification	Collection Date/Time	Date Sample Received by TestAmerica	Analysis Date	HFPO-DA# (ug/L**)
GC218A-LPSD-BED1N-Lag	280-106342-1	2/12/2018 14:30	2/13/2018	2/23/2018	<0.010
GC218A-LPSD-BED2N-Lead	280-106342-2	2/12/2018 14:34	2/13/2018	2/23/2018	<0.010
GC218A-LPSD-BED1S-Lag	280-106342-3	2/12/2018 14:32	2/13/2018	2/23/2018	<0.010
GC218A-LPSD-BED2S-Lead	280-106342-4	2/12/2018 14:36	2/13/2018	2/23/2018	<0.010
GC218A-LPSD-PT	280-106342-5	2/12/2018 14:38	2/13/2018	2/23/2018	<0.010

HFPO-DA – hexafluoropropylene oxide dimer acid, analyzed by method DV-LC-0012, Revision 14.

< = less than the stated value

** ug/L – micrograms/liter (parts per billion)

DEFINITIONS:

Reporting Limit (RL) for the procedure is approximately 0.010 ug/L.

RESULTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

For samples analyzed in duplicate:

If the sample and laboratory duplicate are greater than 5X RL, the relative percent difference (RPD) is less than 20, the average value is reported. If the RPD is greater than 20, the higher value is reported.

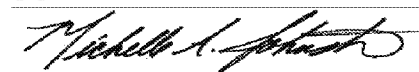
If the sample or laboratory duplicate are less than 5X RL, and the absolute difference is less than RL, the average value is reported. If the absolute difference is greater than the RL, the higher value is reported.

Matrix Spike Recoveries:

Acceptable Range: 70%-130%

TestAmerica Sample ID	Matrix Spike Recoveries
280-106342-1	104%

SUBMITTED BY:



2/26/2018

Michelle A. Johnston, Project Manager

Date

Fluorochemical Characterization of Water Samples Analytical Results

Chemours Sample Identification	TestAmerica Sample Identification	Collection Date/Time	Date Sample Received by TestAmerica	Analysis Date	PFOA # (ug/L**)
GC218-LPSD-BED1N-Lag	320-35985-1	2/12/2018 14:30	2/13/2018	2/27/2018	<0.010
GC218-LPSD-BED2N-Lead	320-35985-2	2/12/2018 14:34	2/13/2018	2/21/2018	0.24
GC218-LPSD-BED1S-Lag	320-35985-3	2/12/2018 14:32	2/13/2018	2/20/2018	<0.010
GC218-LPSD-BED2S-Lead	320-35985-4	2/12/2018 14:36	2/13/2018	2/20/2018	0.13
GC218-LPSD-PT	320-35985-5	2/12/2018 14:38	2/13/2018	2/21/2018	0.91

PFOA – perfluorooctanoic acid, analyzed by method 537

< = less than the stated value

** ug/L – micrograms/liter (parts per billion)

DEFINITIONS:

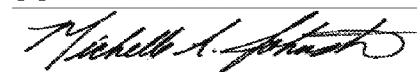
Reporting Limit (RL) for PFOA for the procedure is approximately 0.010ug/L.

Matrix Spike Recoveries:

Acceptable Range: 70%-130%

TestAmerica Sample ID	Matrix Spike Recovery	Matrix Spike Duplicate Recovery
320-35985-1	103%	102%

SUBMITTED BY:



2/27/2018

Michelle A. Johnston, Project Manager

Date